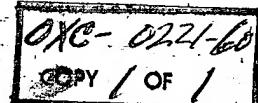


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file:

23 December 1959

STATINTL

Dear [redacted]

During our recent visit to your facility we outlined a program to coordinate efforts in the window mounting area. I believe that we made the commitments to supply you with the following:

ITEM	DESCRIPTION	DATE
1.	Window & bay description/mfg. specs. preliminary	1 January
2.	Mechanical Design Layout	15 January
3.	Glass Window	15 January
4.	Window & bay description/mfg. specs. final	1 February
5.	Fused silica sample	15 February

I would like to modify these commitments somewhat, and propose the following for your comment.

Item 1 - I am presently preparing a report for you which describes the fundamental window configuration. The report will contain a drawing of the ~~unmounted~~ window glazings and associated mechanisms, a drawing of the hatch which indicates window locations, and a list of any other pertinent design specifications. This will enable your designer to consider preliminary window mounting techniques. This will be in the mail to you by 4 January.

Item 2 - Our designer will prepare several suggested mounting layouts during the first two weeks in January. A meeting to coordinate our separate approaches about 21 January seems desirable.

Item 3 - The lead time required to obtain the aspheric polished and tested piece of glass is the same as the time required to obtain an undersized piece of fused silica. Since no additional data will be obtained from the glass, and since the fused silica is more representative, I suggest we eliminate this item.

Item 4 - As a result of the meeting which I propose for 21 January, we should be in a position to incorporate the most desirable features of the several designs into a final configuration. This configuration should be layed out by 1 February.

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Item 5 - Fused silica has been ordered for the mounting test. We will polish this piece to schlieren quality and record the test data for comparison with the quality testing which we will do after you have applied an edge attachment. The type of attachment will be described in the configuration layout due 1 February. The edge bevel required on the fused silica must also be firm by 1 February.

Because of material availability, the fused silica test window will be smaller (about 10 x 17 x $\frac{1}{4}$) than the actual size required (about 11 x 21 x $\frac{1}{4}$). If this size difference may cause some difficulty which I have overlooked, I would appreciate your notification as soon as possible. Present scheduling indicates that we can send the tested fused silica window by 22 February.

Can you give me an indication at this time, without knowing the particular type of edge attachment, of how long it will take to apply the edge and return the window to us?

A schedule summarizing this proposed program is attached. I look forward to your comments, and hope that, if it is agreeable to you, you will have the time and people available to implement it.

I look forward to seeing you again, and to working with you on this program.

Very truly yours

STATINTL



PPF:ed

09. HN 0E 11 0 NVC

DATE DUE		Approved For Release 2001/03/22 : CIA-RDP67B00511R000100160040-0								
TASK PARTICIPATION	STATINTL	JAN				FEB				STATINTL
		28	4	11	18	25	1	8	15	
Window & Bay Description Preliminary Mounting Specs Participation :PE	Report → Paul [REDACTED] To [REDACTED]									
Suggested Mounting Layouts				Designs by P.E. →						
Participation :PE and N				Designs by N. →						
Meeting				Coordinate Designs Edge Bevel Scheduling Test Programs						
Design Layout					Consolidate Designs →					
Participation :PE and N										
Fused Silica Test Window	Procurement →									
Participation :PE					Polish and Edge →					Test →
Apply Edge Attachment										
Participation :N										
•										

Approved For Release 2001/03/22 : CIA-RDP67B00511R000100160040-0

FIGURE 11